

SEQUENCE LISTING

<110> Newell, Martha Karen
Wagner, David H.
Newell, Evan

<120> Use of CD40 Engagement to Alter T Cell Receptor Usage

<130> I0277/7007/HCL/KA

<150> U.S. 60/114,106
<151> 1998-12-29

<160> 2

<170> FastSEQ for Windows Version 3.0

<210> 1
<211> 1816
<212> DNA
<213> Homo Sapiens

<400> 1

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cctgctccat	aagagcttat	atatctgaag	cagcaacccc	actgtatgcag	acatccagag	1080
agtccat	aaagacaagg	ccattatgca	caggttgaat	tctgagtaa	cagcagataa	1140
cttgc	caagt	tca	ttttgcgt	gcagtgtctt	tccatggata	1200
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aatctctc	tctccat	tctttc	tctctctc	tcaac	tcttccaa	1440
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ccca	ctc	attacgaaat	gactgtat	tttcc	cc	1740
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<211> 261

<212> PRT

<213> Homo Sapiens

<400> 2

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Ile Thr Gln Met Ile Gly Ser Ala Leu Phe Ala Val Tyr Leu His Arg
35 40 45
Arg Leu Asp Lys Ile Glu Asp Glu Arg Asn Leu His Glu Asp Phe Val
50 55 60
Phe Met Lys Thr Ile Gln Arg Cys Asn Thr Gly Glu Arg Ser Leu Ser
65 70 75 80
Leu Leu Asn Cys Glu Glu Ile Lys Ser Gln Phe Glu Gly Phe Val Lys
85 90 95
Asp Ile Met Leu Asn Lys Glu Glu Thr Lys Lys Glu Asn Ser Phe Glu
100 105 110
Met Gln Lys Gly Asp Gln Asn Pro Gln Ile Ala Ala His Val Ile Ser
115 120 125
Glu Ala Ser Ser Lys Thr Thr Ser Val Leu Gln Trp Ala Glu Lys Gly
130 135 140
Tyr Tyr Thr Met Ser Asn Asn Leu Val Thr Leu Glu Asn Gly Lys Gln
145 150 155 160
Leu Thr Val Lys Arg Gln Gly Leu Tyr Tyr Ile Tyr Ala Gln Val Thr
165 170 175
Phe Cys Ser Asn Arg Glu Ala Ser Ser Gln Ala Pro Phe Ile Ala Ser
180 185 190
Leu Cys Leu Lys Ser Pro Gly Arg Phe Glu Arg Ile Leu Leu Arg Ala
195 200 205
Ala Asn Thr His Ser Ser Ala Lys Pro Cys Gly Gln Gln Ser Ile His
210 215 220
Leu Gly Gly Val Phe Glu Leu Gln Pro Gly Ala Ser Val Phe Val Asn
225 230 235 240
Val Thr Asp Pro Ser Gln Val Ser His Gly Thr Gly Phe Thr Ser Phe
245 250 255
Gly Leu Leu Lys Leu
260